PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference AG04-033C-PC	G04-033C-PC ACTION (F		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
International application No. PCT/US04/20323	International filing date (day/month/year) 23 June 2004 (23.06.2004) (Earliest) Priority Date (day/month/year) 24 June 2003 (24.06.2003)							
Applicant AGRINOMICS, LLC								
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.								
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:								
contained in the internation	al application in written form.	able form	·					
	national application in computer reactions.	LOIG (UIII).						
furnished subsequently to the	his Authority in computer readable fo	ım.						
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.								
the statement that the inform	the statement that the information recorded in computer readable form is identical to the written sequence listing has been							
2. Certain claims were found	i unsearchable (See Box I).							
3. Unity of invention is lacking. 4. With regard to the title,	ng (See Box II).							
the text is approved as subm	nitted by the applicant.							
	d by this Authority to read as follows	::						
5. With regard to the abstract,								
the text is approved as subm	• ••							
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.								
6. The figure of the drawings to be pu	blished with the abstract is Figure N	э	K-7)					
as suggested by the applican	nt.		None of the figures					
because the applicant failed	to suggest a figure.	·						
because this figure better ch	haracterizes the invention.							

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

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Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)				
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
Claim Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
Claim Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:				
3. Claim Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows: Please See Continuation Sheet				
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-6				
Remark on Protest The additional search fees were accompanied by the applicant's protest.				
No protest accompanied the payment of additional search fees.				

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/20323

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C12N 5/04, 5/10, 15/82; AO1H 1/00 US CL : 536/23.1, 24.5; 800/286, 289; 435/320, 419 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 536/23.1, 24.5; 800/286, 289; 435/320, 419							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)							
C. DOC	UMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.				
Y	RYAN et al. Accession Number: T01350. 12 Feb 199		1-6				
Y	CHEN et al. US 6791012. Date Filed: Aug 24, 1999.		1-6				
	• ·						
		• .					
Further	documents are listed in the continuation of Box C.	See patent family annex.					
• 5	pecial categories of cited documents:	"T" later document published after the interm	ational filing date or priority				
	t defining the general state of the art which is not considered to be of	date and not in conflict with the applicat principle or theory underlying the invent					
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the cla considered novel or cannot be considere when the document is taken alone					
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being					
"P" documen	t referring to an oral disclosure, use, exhibition or other means t published prior to the international filing date but later than the	obvious to a person skilled in the art "&" document member of the same patent fa	mily				
	ate claimed						
	ctual completion of the international search	Date of mailing of the international search report 29 AUG 2004					
09 June 2005 (09.06.2005) Name and mailing address of the ISA/US		Authorized officer					
Mai Cor P.O Alc	atting address of the ISA/US Istop PCT, Atm: ISA/US Immissioner of Patents Box 1450 Landria, Virginia 22313-1450 L-(702), 205, 2020	Barba M. Kotoria. Telephone No. 571 272 1600	elison				

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			<u>.</u>	
BOX II. OBSERVATIONS W	HERE UNITY OF	INVENTION IS LA	CKING	
This application contains the follow concept under PCT Rule 13.1. In or				
Group I claim(s) 1-6, drawn to a trai polypeptide comprising the amino a plant, a plant part, a method of prod vector comprising amino acid of SE	cid sequence of SEQ I ucing increased droug	D No. 2, wherein said a	mino acid confers drought t	olerance to said plant; a
Group II, claim(s) 7-9, drawn to a m plant that has an allele in its DRO5 the transformed progenitor cells to p method that employs QTL and TILL	polypeptide comprisin produce a transgenic pl	g an amino acid sequenc	e of SEQ ID No. 2, or an or	rtholog thereof, and growing
The inventions listed as Groups I an 13.2, they lack the same or correspo				.1 because, under PCT Rule
Group I is drawn to a transgenic pla generating a plant.	nt encoding DRO5 po	lypeptide, exhibiting dro	ught tolerance, and Group	II is drawn to a method of
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